

WAX DECORATION ITEMS AND METHOD MAKING THE SAME

FIELD OF THE INVENTION

5 [0001] The present invention relates to a wax decoration item and a method for making the item wherein the item has a colloid outer layer which is not mixed with the wax of the decoration item.

BACKGROUND OF THE INVENTION

10 [0002] A conventional way to make a wax decoration item 51 in a colloid item 50 as shown in Fig. 1 has an inherent problem which is that the pigment for the wax decoration item 51 will be mixed with the colloid item 50. A mixture area 52 is presented around the wax decoration item 51. The other problem of the conventional way is shown in Fig. 2 and the problem is that the surface 53 of the wax decoration item 51 is melted so that the shape and color of the wax decoration item 51 cannot be sharply and precisely presented.

15 [0003] The present invention intends to provide a wax decoration item and a method for making the same. The wax decoration item includes a colloid outer layer on the wax decoration item so as the present the desired shape of the wax decoration item.

spec. object

SUMMARY OF THE INVENTION

20 [0004] In accordance with one aspect of the present invention, there is provided a method for making a wax decoration item and the method comprises the following steps:

step 1: preparing polyethylene wax, cyanide polymer and white wax;

step 2: mixing the polyethylene wax, cyanide polymer and white wax to be

25 a mixture by way of heating;

step 3: pouring the mixture in a mold and obtaining a wax item with fixed shape when removing the mold;

step 4: melting a colloid material to be a transparent liquid;

step 5: coating the colloid material onto an outer periphery surface of the wax item and the colloid material being not mixed with the wax item, and

step 6: condensing the colloid material which is fixed on the wax item.

[0005] The primary object of the present invention is to provide a method for making a wax decoration item wherein the colloid material fixed on the outer surface of the wax item is not mixed with the wax item.

10 [0006] The present invention will become more obvious from the following description when taken in connection with the accompanying drawings which show, for purposes of illustration only, a preferred embodiment in accordance with the present invention.

BRIEF DESCRIPTION OF THE DRAWINGS

15 [0007] Fig. 1 is a perspective view to show a conventional way to make a wax decoration item;

Fig. 2 is a perspective view to show another conventional way to make a wax decoration item;

20 Fig. 3 is a flow chart to show the steps of the method of the present invention;

Figs. 4 and 5 are a perspective view to show the wax decoration items of the present invention can be made to be different shapes;

Fig. 6 is a perspective view to show a wick is connected to the wax decoration item of the present invention, and

Fig. 7 shows a film is put in the inside of the mold and the wax decoration item of the present invention is put in the mold.

DETAILED DESCRIPTION OF THE INVENTION

[0008] Referring to Fig. 3, the method for making a wax decoration item of the present invention comprises the following steps:

step 1: preparing polyethylene wax, cyanide polymer and white wax;

step 2: mixing the polyethylene wax, cyanide polymer and white wax to be a mixture by heating them;

step 3: pouring the mixture in a mold and obtaining a wax item 10 with fixed shape when removing the mold 30;

step 4: melting a colloid material 20 to be a transparent liquid;

step 5: coating the colloid material 20 onto an outer periphery surface of the wax item 10 and the colloid material 20 being not mixed with the wax item 10, and

step 6: condensing the colloid material 20 which is fixed on the wax item 10.

[0009] The melting temperature and the condensing temperature of the colloid material 20 are lower than those of the wax item 10. The weight ratio between the polyethylene wax, the cyanide polymer and the white wax in steps 1 and 2 is 3-6% : 7-11% : 85-88%. The melting temperature and the condensing temperature are located in a range of 80-170 degrees Celsius. The preferred weight ratio between the polyethylene wax, the cyanide polymer and the white wax in steps 1 and 2 is 4.5% : 9% : 86.5%, the melting temperature and the condensing temperature being 125 degrees Celsius.

[0010] The shape of the wax decoration items 10 in step 3 can be different such as flowers as shown in Fig. 4 and fruits as shown in Fig. 5.

[0011] The colloid material 20 in step 4 is a mixture of the cyanide polymer and the white wax, and the weight ratio between the cyanide polymer and the white wax is 7-11% : 89-93%. The melting temperature and the condensing temperature are located in a range of 75-140 degrees Celsius. The preferred weight ratio between the cyanide polymer and the white wax is 9% : 91%, and the melting temperature and the condensing temperature are 120 degrees Celsius.

[0012] It is to be noted that inorganic pigment can be added in the mixture of the polyethylene wax, the cyanide polymer and the white wax in step 1 or 2. Also. The inorganic pigment can be added in the colloid material in step 4. Fragrance is added in the mixture in either step 1 or step 2. The fragrance can also be added in the colloid material 20 in step 4.

[0013] As shown in Fig. 6, the wax decoration item 10 may also be made to be a candle wherein a wick 40 is put in the wax item 10 in step 5 and the wick 40 extends out from the colloid material 20.

[0014] Referring to Fig. 7, a film 32 is put in an inside of a mold 31 in step 5 and the wax item 10 is put in the mold 31. The film 32 is peeled from the colloid material 20 after the colloid material 20 is cooled.

[0015] The colloid material 20 of the present invention will not mix with the outer surface of the wax decoration item 10 so that the shape of the wax decoration item 10 is sharp and precise.

[0016] While we have shown and described the embodiment in accordance with the present invention, it should be clear to those skilled in the art that further embodiments may be made without departing from the scope of the present invention.